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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/825,284

04/16/2004

Hsien-Yu Chiu

7933

7590

12/16/2004

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EXAMINER

VU, HIEN D

ART UNIT

PAPER NUMBER

2833

DATE MAILED: 12/16/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

10/825,284

**Applicant(s)**

CHIU, HSIEN-YU

**Examiner**

Hien D. Vu

**Art Unit**

2833

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1 and 2 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1 and 2 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

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1. 35 U.S.C. 112, first paragraph, requires the specification to be written in "full, clear, concise, and exact terms." The specification is replete with terms which are not clear, concise and exact. The specification should be revised carefully in order to comply with 35 U.S.C. 112, first paragraph. Examples of some unclear, inexact or verbose terms used in the specification are: on page 7, line 5, the term "a heightened right sidewall"; line 6, "a heightened left sidewall"; line 7, "the term "mis-insert proof structure design"; lines 8-9, the phrase "the right sidewall ... symmetrical structure"; page 8, lines 1-3, the phrase "protrudes in part thereby ... right sidewall 23 thereof".

2. Claims 1-2 are objected to because the following are example of the terms and features are confusing and unclear: in claim 1, line 1, "a thumbnail size flash memory card connector"; lines 4-5, "sidewalls on left and right ... symmetrical structure"; line 5, it is unclear what sidewall has slightly thicker wall; line 16, "the two side panels of the movable cover lodge into slide grooves".

Applicant is required to review the entire disclosure to ensure that any and all grammatical idiomatic and spelling or other minor errors are corrected.

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-2 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chang in view of Chiou and Wu.

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Insofar as the claims can be understood due to the indefiniteness above, Chang, Chiou and Wu are applied as follows: Chang, figs. 1-3 show an insulator 14, a reverse U-shaped movable cover 62, terminals 32, sidewalls on left and right sides (not labeled) of the insulator 14, a front end of the sidewall having slightly thicker wall thickness with a wedge shape, the cover with cover panel and side panels (not labeled) having holes 66 for receiving projections 30 on the sidewalls of the insulator. Chang does not show blocking pieces on the side panels of the cover for inserting into slide grooves of the left and right sidewalls and press-fit strips being on two sides of a surface of the cover panel. Chiou, Fig. 3A shows blocking pieces 23 on side panels of a cover 2 for inserting into slide grooves 11 on the left and right sidewalls of an insulator 1 and Wu, fig. 2 shows press-fit strips being on two sides of a surface of a cover panel. It would have been obvious to one with skill in the art to modify the connector of Chang by replacing holes on the side panels of the cover with blocking pieces and replacing the receiving projections on the left and right sidewall of the insulator with slide grooves, also providing on the two sides of the cover panel with press fit strips, as taught by Chiou and Wu, in order to guide the cover to the insulator and to provide retention for the cover.

As to claim 2, tabs 25 as shown in 3B of Chiou and would have been obvious to modify on the cover of Chang for easier gripping.

5. Ko, Lin et al and Wu et al are cited for disclosure of electrical connectors with cover means.

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6. Any inquiry concerning this communication should be directed to Hien D. Vu at telephone number (571) 272-2016.

Vu/ds

11/20/04

**HIEN VU**  
**PRIMARY EXAMINER**